



Indiana State Fair

6AM Weather Forecast

Tuesday, August 10, 2021



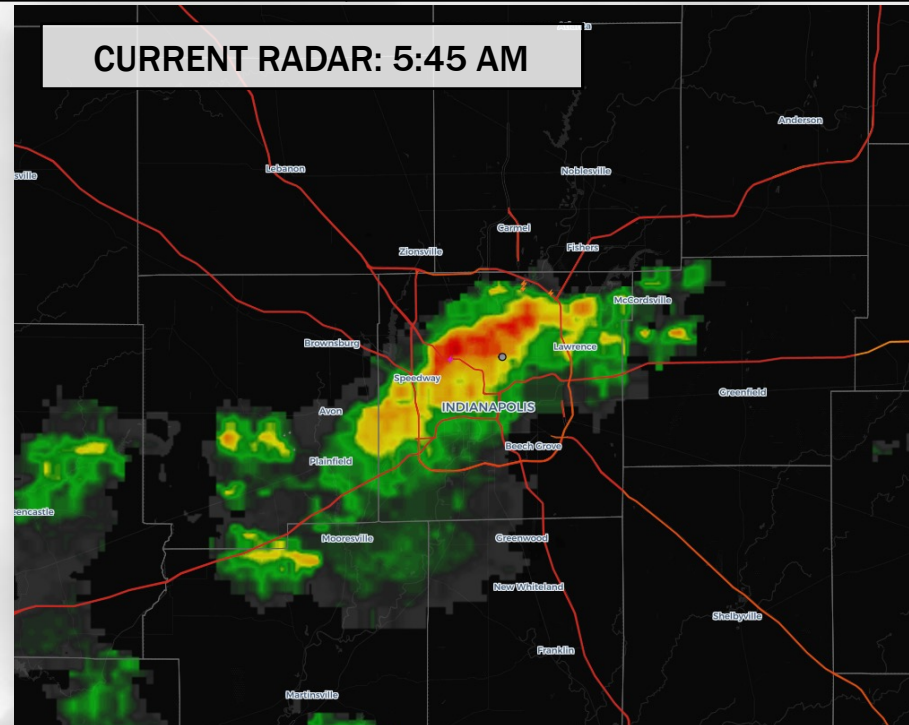
Hour by Hour Forecast:

Time	Temp	Forecast Icon	Precip %	Lightning Prob %	Rain Hourly Range	Rain Accum Range	Feels Like	Wind
08-10-2021 Tue 6am	75°		50%	20%	0"-0.1" Mean: 0"	0"-0.16" Mean: 0"	75°	SSW 7mph G: 13mph
08-10-2021 Tue 7am	75°		40%	20%	0"-0.27" Mean: 0.02"	0.01"-0.43" Mean: 0.02"	75°	SW 7mph G: 13mph
08-10-2021 Tue 8am	75°		30%	20%	0"-0.1" Mean: 0.1"	0.01"-0.53" Mean: 0.12"	75°	SSW 8mph G: 14mph
08-10-2021 Tue 9am	77°		16%	10%	0"-0" Mean: 0"	0.01"-0.53" Mean: 0.12"	77°	SW 8mph G: 13mph
08-10-2021 Tue 10am	80°		0%	0%	0"-0" Mean: 0"	0.01"-0.53" Mean: 0.12"	84°	SW 9mph G: 14mph
08-10-2021 Tue 11am	82°		0%	0%	0"-0" Mean: 0"	0.01"-0.53" Mean: 0.12"	88°	SW 10mph G: 14mph
08-10-2021 Tue 12pm	84°		0%	0%	0"-0" Mean: 0"	0.01"-0.53" Mean: 0.12"	93°	SW 10mph G: 13mph
08-10-2021 Tue 1pm	86°		0%	0%	0"-0" Mean: 0.01"	0.01"-0.53" Mean: 0.13"	96°	SW 10mph G: 14mph
08-10-2021 Tue 2pm	88°		0%	0%	0"-0" Mean: 0"	0.01"-0.53" Mean: 0.13"	98°	SW 10mph G: 14mph
08-10-2021 Tue 3pm	89°		0%	0%	0"-0" Mean: 0"	0.01"-0.53" Mean: 0.13"	100°	SW 10mph G: 14mph

6AM Synopsis: As noted in the push update we sent earlier this morning, pulse-like showers and storms are expected to make their way east close to the Fairgrounds this morning, likely persisting through around 8-9AM before starting to wind down and lose energy. Briefly heavy downpours, lightning and briefly gusty winds will be possible. Outside of the rainfall potential this morning, winds will be a bit more elevated today, expected to be sustained at 8-13 MPH out of the Southwest, gusting at times to 15-20 MPH. High temps today are expected to reach up to 90F, with heat indices anticipated nearing 100F being possible (dew points expected in the mid-70s). We think an additional shower/storm chance will be possible later today from ~4-8 PM, but will need to fine-tune this risk in future updates today.

Hazardous Weather Alerts:

None





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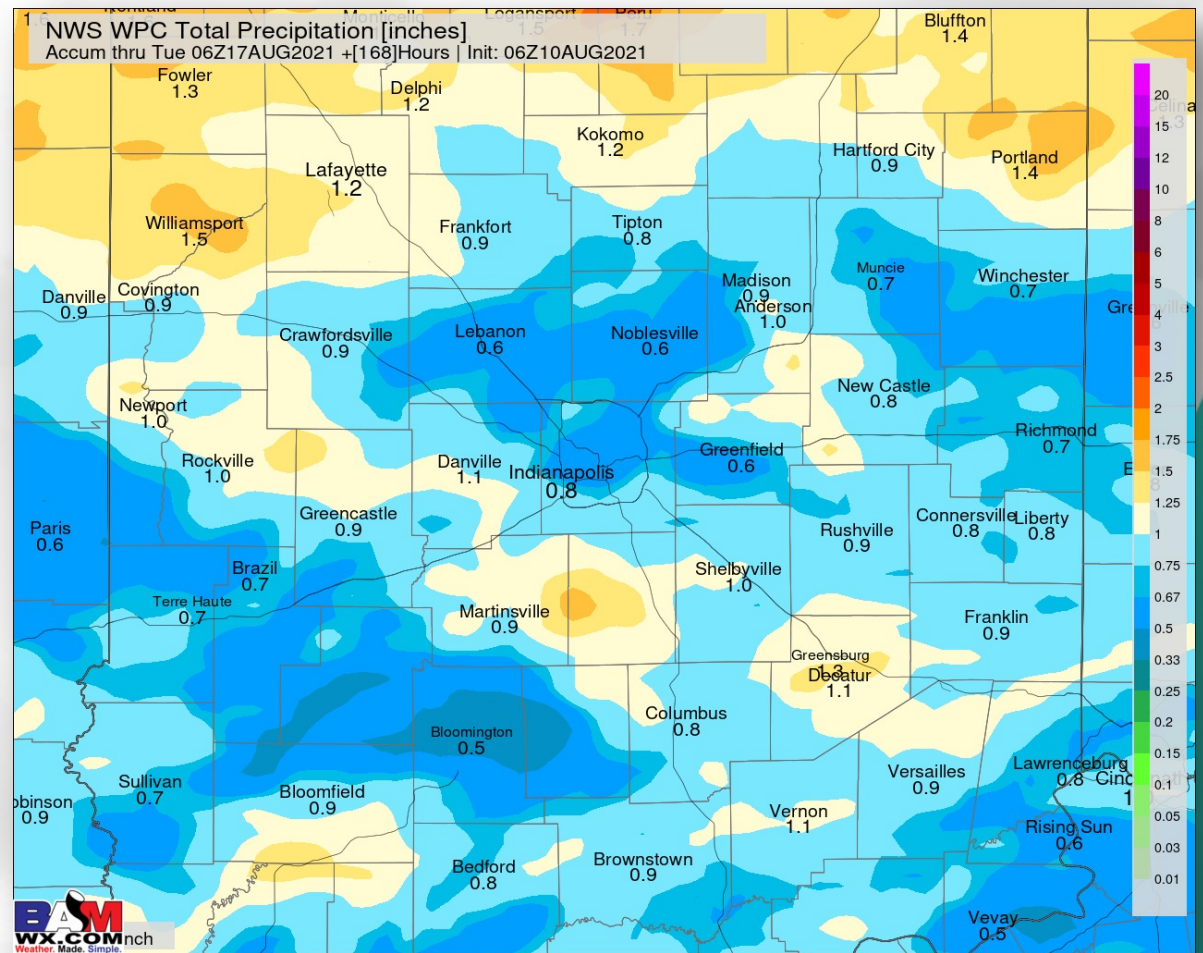
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5 Day Forecast Discussion: Pulse-like precipitation in a scattered fashion is expected through mid-morning today, otherwise hot and humid conditions are on the table. These hot and humid conditions are anticipated to linger across the Fairgrounds through Friday, before cooling down for a much nicer (and lower humidity) weekend ahead. Thinking right now the best chance for precipitation on Wednesday comes in the AM hours, slightly less potential in the PM. Thursday looks a bit more isolated and our hottest day of the week right now. Friday we are still anticipating a decent frontal boundary to develop after lunch, increasing the potential already at this distance for a strong storm threat. These details will continue to need to be ironed as we get closer, but we should definitely keep this in the back of our minds for impacts to operations.

7-Day Rain Map:



Date	Temp	Forecast Icon	Precip %	Rain	Relative Humidity	Wind
08-10-2021 Tue	75° 89°		50% am 40% pm	0.10"-0.50"	67%	SW 8mph G: 14mph
08-11-2021 Wed	75° 92°		30% am 24% pm	0"-0.17"	64%	SW 10mph G: 15mph
08-12-2021 Thu	77° 93°		11% am 33% pm	0.01"-0.18"	59%	WSW 8mph G: 14mph
08-13-2021 Fri	75° 89°		26% am 60% pm	0.13"-0.51"	62%	WSW 6mph G: 12mph
08-14-2021 Sat	64° 83°		0% am 0% pm	0"-0"	53%	NNE 6mph G: 9mph



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Long Range Forecast Discussion & Scenarios: This week the long-advertised heat and humidity will be present along with a daily storm threat. The high end and extreme outcomes on rainfall tell us how much rain we **could** get if caught under a heavier storm cell. Right now we anticipate a cold front passage Friday to bring a storm threat but then bring drier and a bit cooler and less humid weather for this weekend. An increase in moisture looks possible not long after this short reprieve into early next week.

TMax	Low End	Most Likely	High End	Extreme
Tue 8/10	91°F	92°F	93°F	94°F
Wed 8/11	92°F	94°F	95°F	96°F
Thu 8/12	93°F	95°F	96°F	97°F
Fri 8/13	88°F	92°F	93°F	94°F
Sat 8/14	83°F	85°F	86°F	89°F
Sun 8/15	83°F	85°F	87°F	89°F
Mon 8/16	84°F	87°F	90°F	91°F
Tue 8/17	86°F	89°F	91°F	92°F
Wed 8/18	87°F	90°F	93°F	93°F
Thu 8/19	87°F	90°F	92°F	94°F

Rain	Low End	Most Likely	High End	Extreme
Tue 8/10	0"	0.08"	0.35"	0.56"
Wed 8/11	0"	0.17"	0.59"	0.95"
Thu 8/12	0.01"	0.18"	0.52"	0.79"
Fri 8/13	0.13"	0.51"	0.95"	1.31"
Sat 8/14	0"	0"	0.17"	0.45"
Sun 8/15	0"	0"	0"	0.07"
Mon 8/16	0"	0"	0.11"	0.31"
Tue 8/17	0"	0.05"	0.49"	0.87"
Wed 8/18	0"	0.08"	0.48"	0.98"
Thu 8/19	0"	0.08"	0.58"	1.13"